

December 2005 Update

Tooele Army Depot (North Area) Superfund Site Tooele County, Utah (5-Year Review Date: 9/25/02)

Highlights Since the 2002 5-Year Review

- **Site Management Plans completed February 2005**

Brief Site History: Tooele Army Depot has been an active Army base since the early 1940s. The 23,732-acre Depot is located in northeastern Tooele County, UT, about 35 miles southwest of Salt Lake City. Environmental contamination occurred during the Depot's 50-plus years of storing ammunition and repairing equipment. The Depot was placed on the Superfund National Priorities List (NPL) in October 1990. The U.S. Army, Utah Department of Environmental Quality (UDEQ) and the EPA are cooperatively investigating and cleaning up contamination at the site. An initial environmental assessment of the Depot, completed in 1979, found potential contamination at an area where explosives were burned or detonated in the open. Further studies showed contamination in soils and ground water, due to equipment maintenance, munitions disposal and other industrial activities. Some contaminants of concern are explosives, lead, cadmium, barium, pesticides, hydrocarbons, solvents, waste oils and polychlorinated biphenyls (PCBs).

Cleanup Activities Completed: Three interim removal actions were completed in 1997 at RCRA sites and two at CERCLA sites in 1998 and one RCRA site in 2000. These actions included:

- Removal of soil contaminated with explosives
- Removal of expended crowd-control devices (such as tear gas) from a trench
- Removal and decontamination of equipment at two sites
- Removal of a sump and contaminated soil at the battery-maintenance building, where soil was contaminated with lead and battery acid
- Closure and removal of a waste-disposal sump.

Current Status: With the exception of one site, all investigations have been completed. Final remedies have been selected and approved for a number of sites. Remedies are being selected for others. Final remedy selection for Operable Unit 9 is expected to be completed in 2007.

Summary of Protectiveness: The remedies in place at OUs 5, 6, 7 and 10 as well as SWMU 02 are expected to be protective of human health and the environment. The remedies are operating and functioning as designed. Levels of contaminants remain below acceptable levels and no exposure pathways exist that would pose an unacceptable risk.

Issues Impacting Protectiveness: A few issues that do not immediately impact the protectiveness of the remedy were noted. The following table summarizes the status of the follow-up actions addressing these issues.

**Five-Year Review Update Table
(Review Date: 9/25/02)**

Issues	Recommendations Follow-up	Follow-up Actions (Status/Due Date)	Status of Follow- up Actions 12/05	Responsible Party
1) Address possible vadose zone contamination	- Existing groundwater remediation system optimized and utilized where possible.	RCRA Phase II Facility Investigation (RFI) will be finished in January 2006	RCRA Phase II RFI will be finished in January 2006	US Army
2) CCR for OU 5 Site 17	- Tooele Army Depot to prepare and ESD documenting deficiencies and remedy	ESD was planned for June 2004	Existing land use controls on the deed are sufficient. No ESD needed 7/01/2005.	US Army
3) Site Management Plans	- Plans for OU4 and OU8 (several sites) and OU 7 Site 5. ESD to be prepared for OU 7 Site 5 documenting deficiency and remedy.	Completion of Site Management Plans in June 2004. It was determined that an ESD was not required.	Site Management Plans completed in February 2005	US Army